



Effigies Insanie

by Arya Akhavan (April 2014)

Angles for R.I. = 1.520

58 + 18 girdles = 76 facets

3-fold, mirror-image symmetry

96 index

$L/W = 1.074$ $T/W = 0.363$ $U/W = 0.315$

$P/W = 0.391$ $C/W = 0.182$

$Vol./W^3 = 0.194$

PAVILION

P1	42.81°	96-32-64	Cut to centerpoint.
P2	42.50°	01-31-33-63-65-95	Meet at culet.
G1	90.00°	96-32-64	Set stone size.
G2	90.00°	02-30-34-62-66-94	Meet P1, P2, G1
P3	43.50°	02-30-34-62-66-94	Level girdle.
P4	43.07°	03-29-35-61-67-93	Meet P2, P3
G3	90.00°	04-28-36-60-68-92	Meet G2, P3, P4
P5	43.50°	04-28-36-60-68-92	Level girdle.
P6	42.22°	16-48-80	Meet P4, P5
G4	90.00°	16-48-80	Level girdle.

CROWN

C1	40.65°	96-32-64	Set girdle width.
C2	39.45°	02-30-34-62-66-94	Level girdle.
C3	46.93°	04-28-36-60-68-92	Level girdle.
C4	52.45°	16-48-80	Level girdle.
C5	20.59°	09-23-41-55-73-87	Meet C2, C3, C4
C6	13.55°	16-48-80	Meet C1, C2, C5
T	0.00°	Table	Meet C1, C2, C5, C6

This unusual and very unique trillion may have large facets on the crown, but thanks to the highly keeled pavilion, there's some intense fragmentation of the virtual facets, and an excellent and somewhat-odd contrast pattern. Works in materials from feldspar to CZ (RI = 1.52 - 2.16) with no changes, and fits tourmaline well.

Suggested size = 8-20 mm

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